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### ISSUE AV-19-05

#### MINNESOTA SPRING WHEAT YIELD DOWN FROM RECORD HIGH

RELEASED: OCTOBER 4, 2005 Minnesota's **SPRING WHEAT** yield at 41.0 bushels per acre is down 14 bushels from last year's yield of 55 bushels per acre. Spring wheat production at 70.9 million bushels is down 20 percent from 2004. Spring wheat acres harvested for grain is 1.73 million acres, up 120,000 acres from last year. Acres planted is 1.8 million acres.

IN THIS ISSUE:

<u>WINTER WHEAT</u> production at 540,000 bushels is down 46 percent from last year. Acres harvested for grain in 2005 is 15,000 compared to 25,000 acres in 2004. Yield at 36.0 bushels per acre is down 4 bushels from 2004.

SMALL GRAIN ESTIMATES

<u>OAT</u> production is estimated at 12.7 million bushels, down 4 percent from last year. Acres harvested for grain in 2005 is 205,000, up 15,000 acres from 2004. The yield at 62.0 bushels per acre is down 8 bushels from last year.

**GRAIN STOCKS** 

**BARLEY** production of 3.9 million bushels is down 51 percent from last year. Barley harvested is 90,000 acres, down 25,000 acres from last year. Acres planted in 2005 is 125,000. Yield at 43.0 bushels per acre is down 25 bushels from 2004.

HOG INVENTORIES

#### **EGG OUTPUT**

## MINNESOTA CORN AND SOYBEAN STOCKS UP FROM LAST YEAR

REACTION TO GRAIN STOCKS REPORT

<u>OLD CROP CORN</u> stocks held in all positions on September 1, 2005 totaled 268.3 million bushels, 123 percent above a year earlier. On-farm stocks accounted for 52 percent of the total or 140.0 million bushels.



<u>OLD CROP SOYBEAN</u> stocks in all positions totaled 29.3 million bushels, up 129 percent from September 1, 2004. On-farm stocks accounted for 53 percent of the total or 15.5 million bushels.

USDA, NASS Minnesota Field Office 8 E. 4<sup>th</sup> St. Suite 500 St. Paul, MN 55101 Phone (651) 296-2230 in cooperation with the Minnesota Department of Agriculture <u>ALL WHEAT</u> stocks held in all positions totaled 78.2 million bushels, 29 percent below a year ago. On-farm stocks accounted for 68 percent of the total, or 53.0 million bushels.

**BARLEY** stocks were down 19 percent from a year ago. Total holdings in all positions were 23.5 million bushels, with 14 percent held on farms.

**OAT** stocks totaled 18.2 million bushels, 17 percent below a year ago. On-farm stocks accounted for 44 percent of the total.

MINNESOTA & U.S. SEPTEMBER 1 HARVESTED ACRES, YIELD, AND PRODUCTION										
COMMODITY	HARV AC	004 ESTED RES 00)	2005 HARVESTED ACRES (000)	2004 YIELD	2005 YIELD	2004 PRODUCTION (000)	2005 PRODUCTION (000)			
MINNESOTA										
SPRING WHEAT	(Bu)	1,610	1,730	55.0	41.0	88,550	70,930			
WINTER WHEAT	(Bu)	25	15	40.0	36.0	1,000	540			
BARLEY (Bu)		115	90	68.0	43.0	7,820	3,870			
OATS (Bu)		190	205	70.0	62.0	13,300	12,710			
UNITED STATES										
SPRING WHEAT	(Bu)	13,174	13,609	43.2	37.1	568,918	504,456			
WINTER WHEAT	(Bu)	34,462	33,680	43.5	44.4	1,499,434	1,493,769			
BARLEY (Bu)		4,021	3,276	69.6	64.8	279,743	212,196			
OATS (Bu)		1,787	1,823	64.7	63.1	115,695	115,002			
MINNESOTA & U.S. SEPTEMBER 1 GRAIN STOCKS										
COMMODITY	ON F	ARM		ARM	T	OTAL ALL OSITIONS	% CHANGE			
COMMODITY	ON F	ARM 2005	OFF		T	OTAL ALL OSITIONS	% CHANGE PREVIOUS YEAR			
COMMODITY			<b>OFF</b> 2004	FARM	T(	OTAL ALL OSITIONS	PREVIOUS			
COMMODITY			2004 -1,000 B MINN	2005 USHELS-	2004	OTAL ALL OSITIONS 2005	PREVIOUS			
	2004	2005	2004 -1,000 B MINN 00 45,532	2005 USHELS-ESOTA	2004	2005  268,292	PREVIOUS YEAR			
CORN	<b>2004</b> 75,000	<b>2005</b>	2004 -1,000 B MINN 00 45,532 00 6,977	2005 USHELS-ESOTA 128,292	2004 120,5 12,7	2005  2005  32 268,292 77 29,272	PREVIOUS YEAR +123			
CORN SOYBEANS	<b>2004</b> 75,000 5,800	140,0 15,5	2004 -1,000 B MINN 00 45,532 00 6,977 00 24,271	2005 USHELS- ESOTA 128,292 13,772	120,5 12,7 110,2	2005  2005  2005  32 268,292  77 29,272  71 78,194	PREVIOUS YEAR +123 +129			
CORN SOYBEANS ALL WHEAT	75,000 5,800 86,000	140,0 15,5 53,0	2004 -1,000 B MINN 00 45,532 00 6,977 00 24,271 00 21,402	2005 USHELS- ESOTA 128,292 13,772 25,194	120,5 12,7 110,2 29,0	2005  2005  2005  32 268,292  77 29,272  71 78,194  02 23,526	+123 +129 -29			
CORN SOYBEANS ALL WHEAT BARLEY	75,000 5,800 86,000 7,600	140,0 15,5 53,0 3,3	2004 -1,000 B MINN 00 45,532 00 6,977 00 24,271 00 21,402 00 11,888	2005 USHELS- ESOTA 128,292 13,772 25,194 20,226	120,5 12,7 110,2 29,0	2005  2005  2005  32 268,292  77 29,272  71 78,194  02 23,526	+123 +129 -29 -19			

29,400

790,600

175,300

74,300

**SOYBEANS ALL WHEAT** 

**BARLEY** 

OATS

99,700

719,360

137,400

71,200

83,014

1,147,807

114,777

41,458

155,807

1,199,274

113,911

41,843

112,414

1,938,407

290,077

115,758

255,507

1,918,634

251,311

113,043

+127

-1

-13 -2

## MINNESOTA HOG NUMBERS UP 3 PERCENT FROM JUNE

Minnesota hog producers had an inventory of 6.8 million hogs and pigs on September 1, 2005, up 3 percent from the year earlier and up 3 percent from the June 1, 2005 figure. This is a new record All Hogs & Pigs inventory for any quarter. Breeding hogs totaled 600,000, up 2 percent from a year earlier and market hogs and pigs at 6.2 million, were up 3 percent from a year ago

Market hogs in the under 60 pound weight group were up 1 percent from last year. The 60-119 pound weight group were up 4 percent. Hog numbers in the 120-179 pound group were up 6 percent from last year, while the 180+ pound group was up 2 percent from a year ago.

Minnesota's June-August 2005 pig crop totaled 2.6 million head, up 1 percent from a year earlier but down slightly from the March-May 2005 pig crop. The 280,000 sows that farrowed averaged 9.30 pigs per litter, up from 9.05 a year ago. This is a new record litter rate and pig crop for the June-August quarter.

Hog producers in Minnesota intend to farrow 280,000 sows during the September-November 2005 quarter. If realized this would be down 2 percent from the same period in 2004. Producers intend to farrow 280,000 sows during the December 2005-February 2006 quarter. If realized, this would be up 2 percent from the same period the previous year.

#### **FARROWING INTENTIONS**

	SOWS TO FARROW								
State	Sept - Nov. 2005	% Prev. Yr.	Dec. 2005- Feb. 2006	% Prev.					
	<u>1,000</u>	Pct.	<u>1,000</u>	Pct.					
R O	44 81 205 135 460 84 49 <b>280</b> 170 175 540 80 190 46 72 46 24	105 111 98 100 100 101 107 <b>98</b> 100 103 98 104 100 94 101	43 80 205 140 460 85 47 <b>280</b> 165 175 540 78 190 47 69 44	100 107 98 108 105 106 107 <b>102</b> 97 100 100 101 100 96 102 100					
Other Sts 1/	207	100	203	102					
US	2,888	100	2,875	101					

1/ Individual State estimates not available for the 33 other States.

#### SEPTEMBER 1, 2005 HOG INVENTORIES and JUNE-AUGUST 2005 FARROWINGS

	TO	TAL	BREE	DING	MARKET HOGS & PIGS 1/					SOWS FARROWED June-August 2005				
State	Number	2005 As % of 2004	Number	2005 As % of 2004	Under 60 Pounds		120-179 Pounds	180+ Pounds	1.	TAL 2005 As % of 2004	Number	2005 As % of 2004	Pigs Per Litter	Pig Crop 2/
	1,000	Pct.	1,000	Pct.		1,0	00		1,000	Pct.	1,000	Pct.	Num.	1,000
AR CO IL IN IA	285 840 4,050 3,050 16,500	89 117 101 94 101	85 145 420 300 1,080	106 104 102 100 102	145 390 1,380 1,000 4,760	20 100 890 720 4,320	15 85 800 550 3,450	120 560 480 2,890	200 695 3,630 2,750 15,420	83 120 101 93 101	80 205 140 450	114 98 100 102	8.80 8.90 8.90 9.00	704 1,825 1,246 4,050
KS MI MN MO NE	1,710 910 <b>6,800</b> 2,850 2,750	96 97 <b>103</b> 98 96	155 100 <b>600</b> 340 350	97 100 <b>102</b> 103 97	535 310 <b>2,450</b> 1,180 980	345 190 <b>1,500</b> 520 620	265 160 <b>1,320</b> 470 450	150 <b>930</b> 340	1,555 810 <b>6,200</b> 2,510 2,400	95 96 <b>103</b> 98 96	83 46 <b>280</b> 170 175	96 <b>98</b> 100	8.80 9.25 <b>9.30</b> 9.05 9.05	2,604
NC OH OK PA SD	10,100 1,540 2,400 1,080 1,370	98 102 98 102 112	1,020 160 360 95 140	99 100 100 90 100	3,650 570 920 300 430	2,130 330 290 270 315	1,780 285 270 220 255	195 560 195	9,080 1,380 2,040 985 1,230	98 102 97 103 114	560 77 200 47 68	103 103 102	9.10 9.10 8.90 9.40 9.40	5,096 701 1,780 442 639
TX WI	980 420	95 95	100 50	91 100	280 145	210 90	195 70		880 370	96 95	44 25		9.10 8.70	400
Oth Sts 3/	3,901	105	472	99	1,209	856	744	620	3,428	105	205	96	9.14	1,876
US	61,536	100	5,972	100	20,634	13,716	11,384	9,830	55,563	100	2,898	100	9.07	26,273

1/ Weight groups may not add to Market due to rounding. 2/ Number of pigs born June-August that were on hand September 1, or had been sold. 3/ Other State estimates include 33 remaining States.

#### **AUGUST EGG OUTPUT UP 4% IN STATE**

Minnesota layers produced 250 million eggs during August 2005 versus 241 million in August 2004, an increase of 4 percent. Laying flocks in the U.S. produced 7.56 billion eggs in August, a slight increase from a year ago.

#### **POULTRY STATS - AUGUST**

		2004	2005
Total Eggs	MN	241 Mil.	250 Mil.
Produced	U.S.	7,538 Mil.	7,562 Mil.
Number of	MN	10.7 Mil.	11.0 Mil.
Layers	U.S.	343.0 Mil.	340.8 Mil.
Eggs per	MN	2,262	2,267
100 Layers	U.S.	2,198	2,219
CHICKENS: Hatched (August) Egg-Type Broiler-Type	MN U.S. U.S.	0.8 Mil. 36.9 Mil. 810.3 Mil.	1.1 Mil. 39.0 Mil. 811.7 Mil.
Eggs in	WNC*	6.9 Mil.	7.2 Mil.
Incubators (September 1)	U.S.	32.7 Mil.	32.5 Mil.
Egg-Type	WNC*	23.9 Mil.	24.2 Mil.
Broiler-Type	U.S.	654.6 Mil.	652.5 Mil.
TURKEYS:	WNC*	9.3 Mil.	9.4 Mil.
Placed (August)	U.S.	23.7 Mil.	23.6 Mil.
Eggs in	WNC*	11.1 Mil.	11.2 Mil.
Incubators (September 1)	U.S.	28.3 Mil.	28.0 Mil.

\*West North Central Region (Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota, Minnesota.)

#### **REACTION TO SEPT. 30, 2005 GRAIN STOCKS REPORT**

Corn stocks were reported at 2.11 billion bushels, up 120 percent from the level reported one year ago. Of this total, 821 million bushels were stored on farms, up 87 percent from one year ago, while 1.29 billion bushels stored off-farm, up 148 percent from one year ago. The level stocks has already affected corn basis with average basis levels of \$.60 to .70 per bushel being reported in many locations in Minnesota. Disappearance of corn over the June to August period was 2.21 billion bushels, or about 736 million bushels per month over the period. The new level of ending stocks for 2005/06 can be estimated at 2.065 billion bushels using this information. Inserting this new level of stocks into the a forecasting model yield an average national corn price of \$1.90 per bushel. An alternate forecast using futures levels and a three year average basis gives a price estimate of \$1.94 per bushel. Basis levels in Minnesota are likely to be \$.15 to .20 wider than the national estimate. Using this adjustment for Minnesota, producers can expect an average price of \$1.72 per bushel. An expected price range will be \$1.30 to \$2.15 for the 2005/06 crop year assuming normal variation in prices. Pricing at levels above \$1.87/bushel will yield averages in the top 1/3 of the expected price range.

Soybean stocks as of September 30, 2005 were 256 million bushels, up 127 percent from one year ago. Stocks on farms totaled 99.7 million bushels, up 239 percent from one year ago, while off-farm stocks were 156 million bushels, up 88 percent from one year ago. Total disappearance for June-August was 444 million bushels, up 49 percent from one year ago and an average of 148 million bushels per month over the period. In the same report, 2004 crop data was revised to a new production level of 3.12 billion bushels, a decrease of 17.3 million bushels from the previous estimate. A downward revision in yield to 42.2 million bushels was also reported. The level of stocks and adjustments will give an estimate for 2005/06 ending stocks at about 180 million bushels. This level of stocks using a forecasting model for stocks/use shows a price of \$7, significantly about the forecast using future of \$5.48 per bushel. I tend to think an average of these two estimates is appropriate with a level of \$6.40 being most likely. The price range will be wider due to expected volatility. I expect soybean prices to be in the range of \$5.25 to \$7.25 over the period. Pricing above \$6.50 will give prices in the top 1/3 of the expected price range. This is due to the lower level of stocks for 2005/06. If the Southern Hemisphere soybean crop falters, prices could be even higher.

Wheat stocks were reported at 1.919 billion bushels, down one percent from one year ago. I expect wheat prices to be higher given the winter wheat crop size. Prices from \$3.50 to \$4.00 are expected. All estimates were lower than trade estimate, so prices will adjust on futures today-corn from 2-4 cents per bushel, soybeans, 5 to 10 cents, and wheat up about 3 cents per bushel.

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